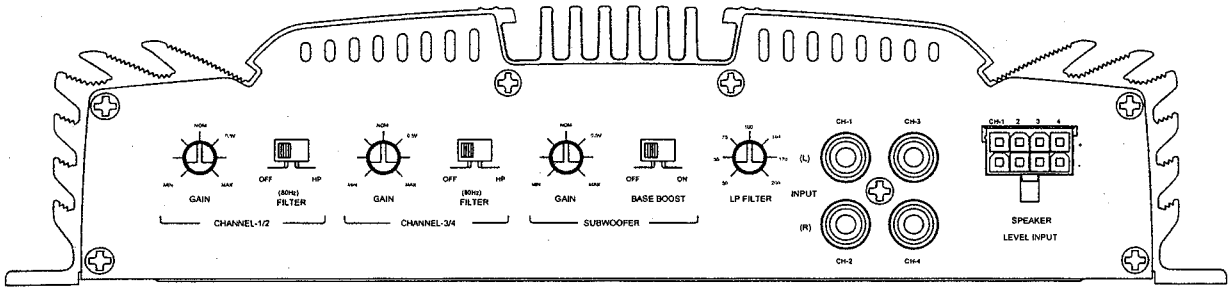
ALPINE

SERVICE MANUAL

4/3/2 Channel + Subwoofer Drive Power Amplifier



MRP-F320

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NOTE : Due to continuing product improvement, specifications and designs are subject to change without notice.

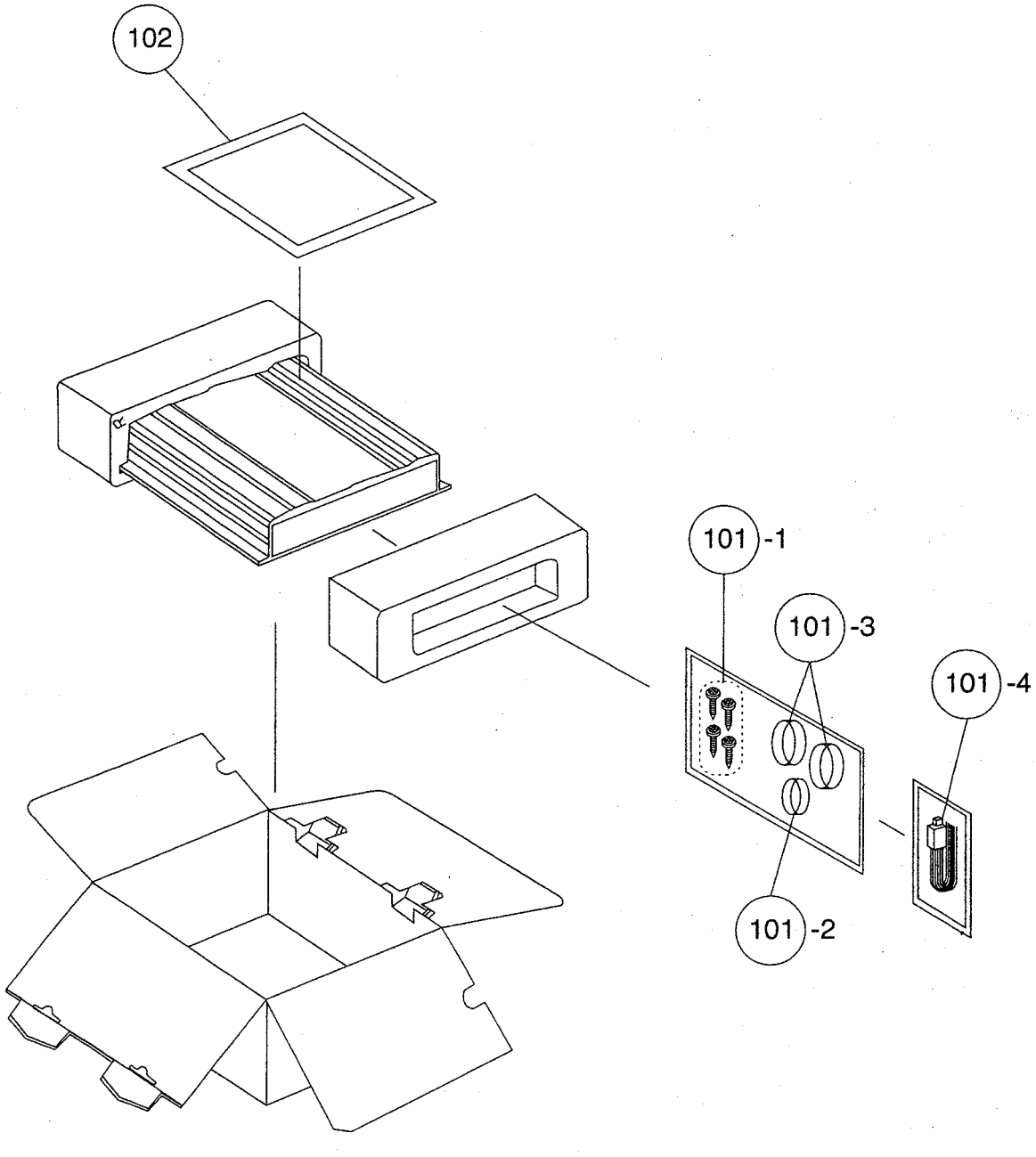
Packing Assembly Parts List

Symbol No.	Part No.	Description
101-1	03E11447S01	SCR M4X14 TPG1,BLK
101-2	——	HOUSING,RUBBER-B
101-3	——	HOUSING,RUBBER-F
101-4	01E23875S01	ASS'Y INPUT WIRE
○ 102	68P01434K17	OWNER'S MANUAL

Symbol No.	Part No.	Description
△ 102-1	68P01434K18	OWNER'S MANUAL(GO)
△ 102-2	68P01434K19	OWNER'S MANUAL(I/G/S)

NOTE : ○ : For North American Model Only, △ : For General Foreign Model Only, Others : Common.

Packing Method View



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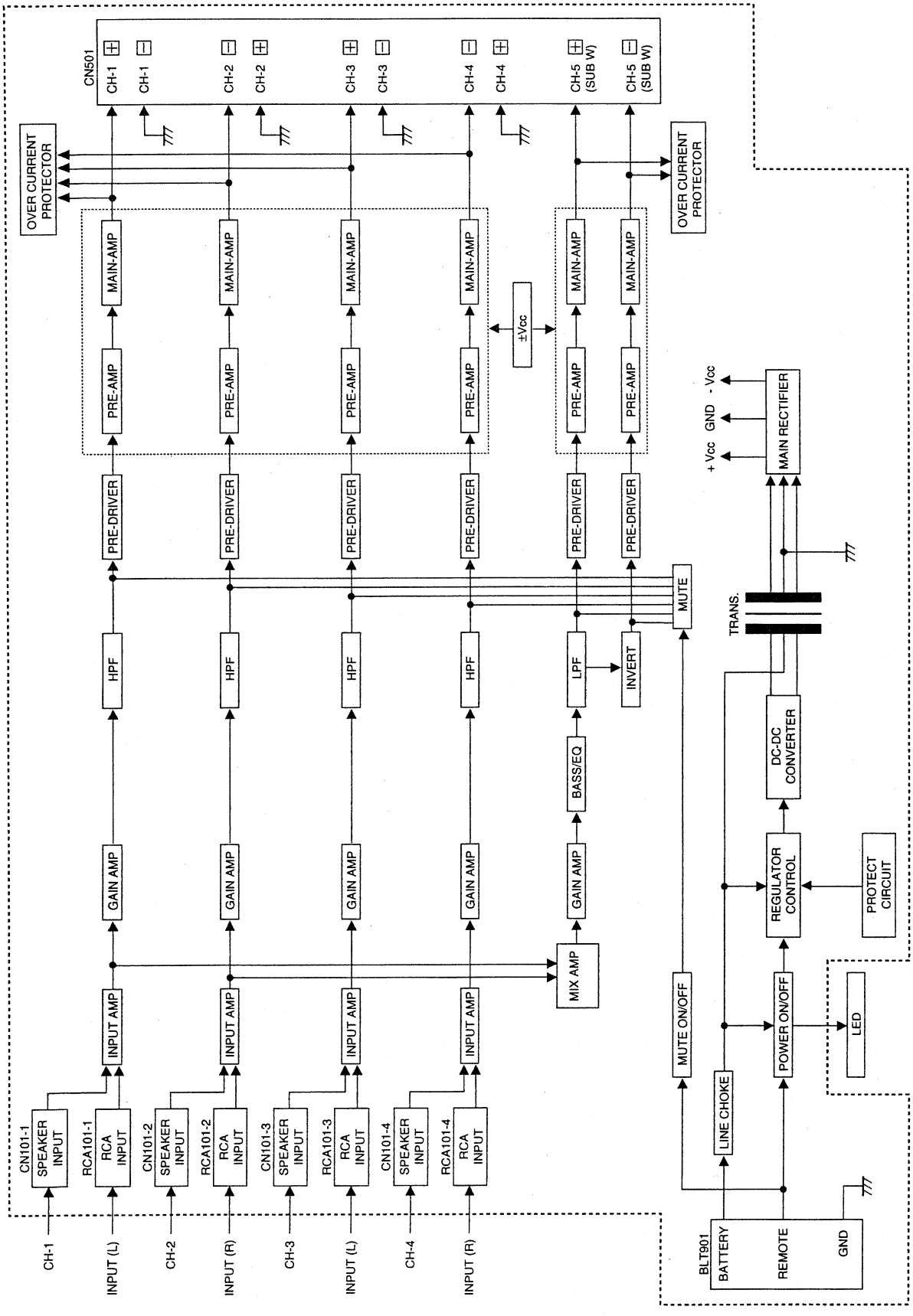
Specifications

T.H.D. (20Hz~20kHz)	35W Output, 4ohm-4channel : 0.2%
	45W Output, 2ohm-4channel : 1%
	90W Output, 4ohm-2channel (BTL) : 1%
(BTL, VR200Hz MAX, 20Hz)	100W Output, 4ohm-1channel (CH5) : 1%
Power Output (80kHz LPF, NORMAL Input, 20Hz~20kHz)	4ohm-4channel, 0.2% T.H.D., 14.4V : 35W
	2ohm-4channel, 0.8% T.H.D., 14.4V : 45W
	4ohm-2channel (BTL), 0.8% T.H.D., 14.4V : 90W
(80kHz LPF, NORMAL Input, 20Hz)	4ohm-1channel (CH5), 0.8% T.H.D., 14.4V : 100W
S/N Ratio (Ref. Output 35W/4ohm, Input shorted)	94dB
Input Sensitivity (35W Output)	GAIN-VR (CENTER) : RCA : 1V±3dB
	SP : 2V±3dB
	GAIN-VR (MAX) : RCA : 0.2V+5, -3dB
	SP : 0.4V+5, -3dB
	GAIN-VR (MIN) : RCA : 4V+5, -3dB
	SP : 8V+5, -3dB
Input Impedance	RCA/SP : 13.8k±2k ohm
Frequency Response (0±1dB, at 1kHz)	20Hz~40kHz
Current Drain	No Signal : 1.5A
	4ohm-4channel, 10% T.H.D. : 30A
Residual Noise (Input Shorted, 4ohm-4channel)	VR CENTER/MAX./MIN. : 3mV
Channel Separation (Input Shorted, at 1kHz, 35W)	55dB
Remote on Voltage (1W Output)	-20~60℃ : 6.5 +1, -1.5V
Remote Current Drain	3mA MAX.
Back Up Current Drain	1.2mA
Fuse Requirement	30A (For Battery Line)
Power Source	DC14.4V (9~16V)
Dimensions (W×H×D)	275×58×252mm
Weight	2.89kg

NOTE : Due to Continuing product improvement, specifications and designs are subject to change without notice.

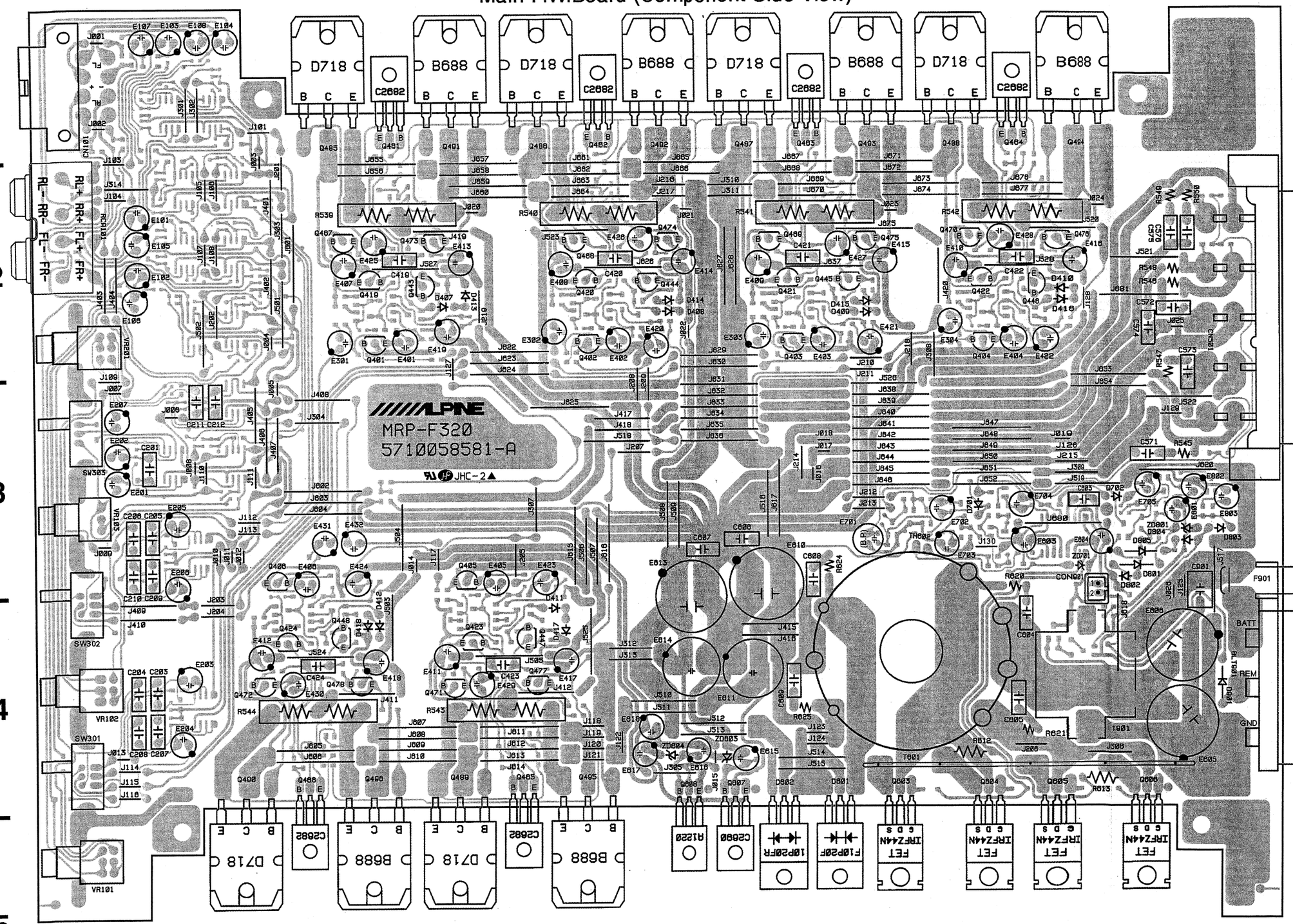
Block Diagram



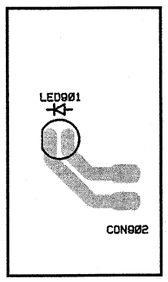
Parts Layout on P.W.Boards and Wiring Diagram (1/2)

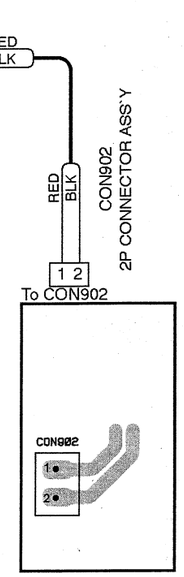
Gray : Foil Side Pattern

Main P.W.Board (Component Side View)



LED P.W.Board (Component Side View)



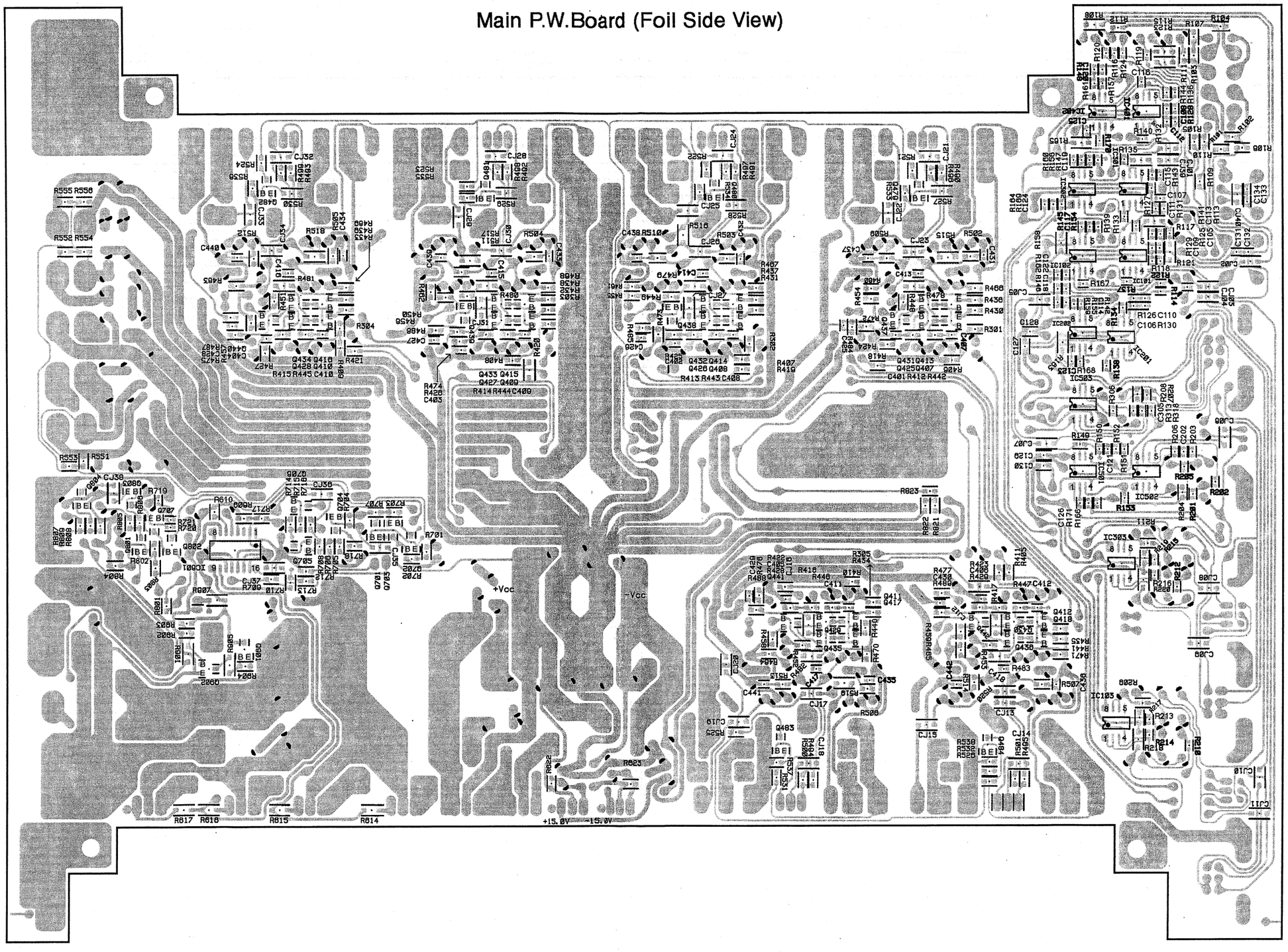


LED P.W.Board (Foil Side View)

Parts Layout on P.W.Boards and Wiring Diagram (2/2)

Gray : Foil Side Pattern

Main P.W.Board (Foil Side View)



Schematic Diagram (1/3)

Main P. W. Board (1/3)

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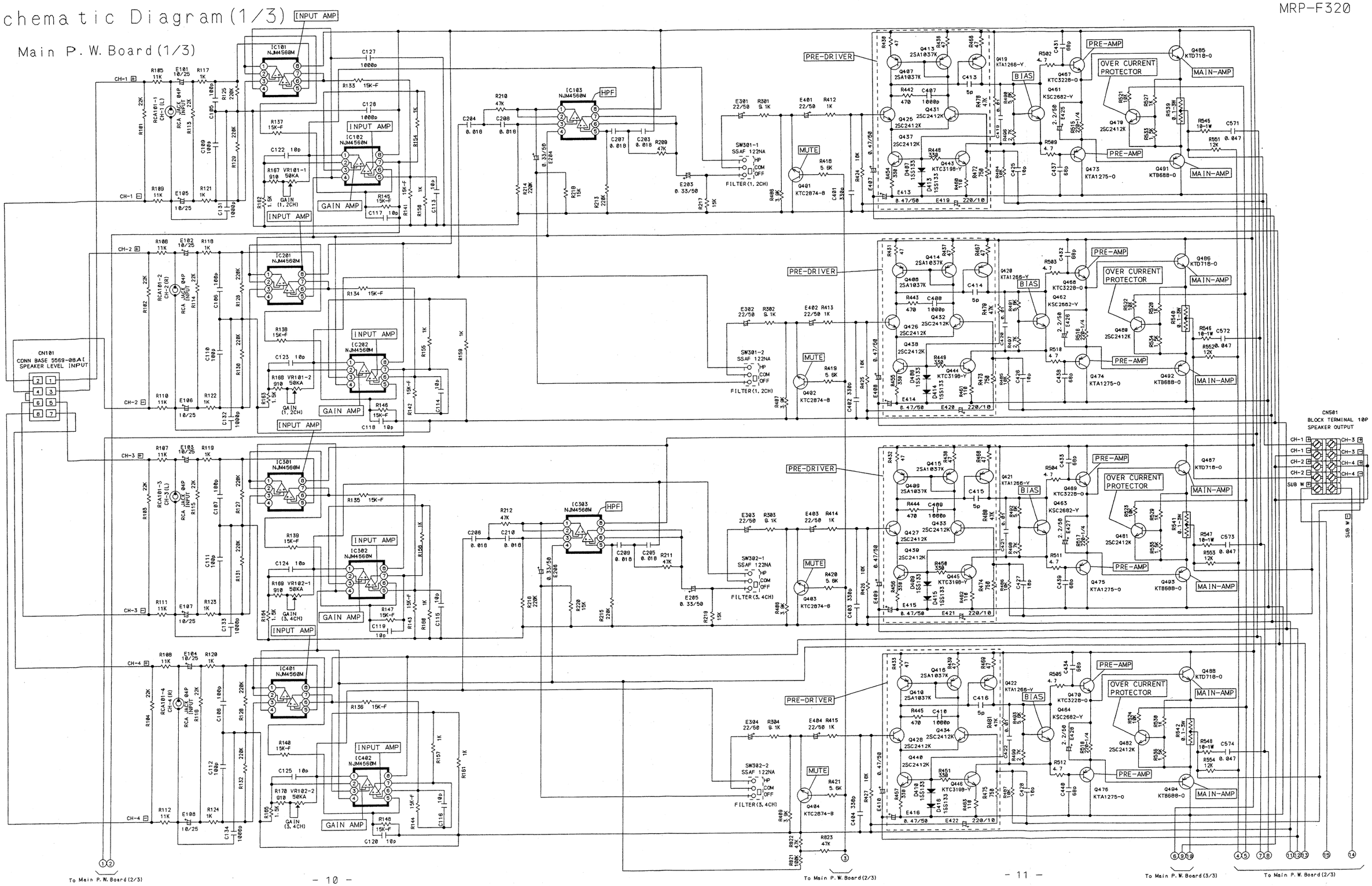

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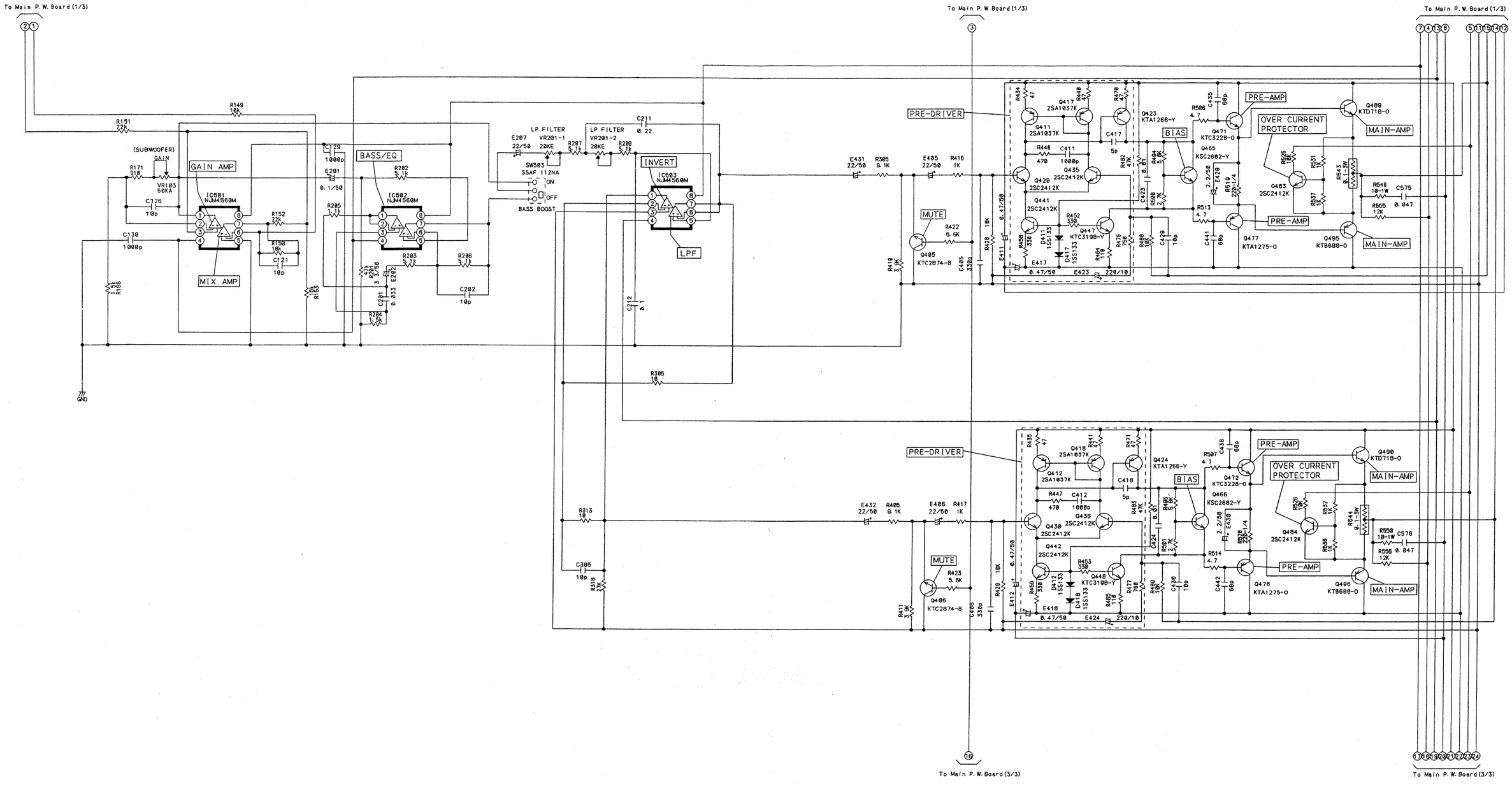
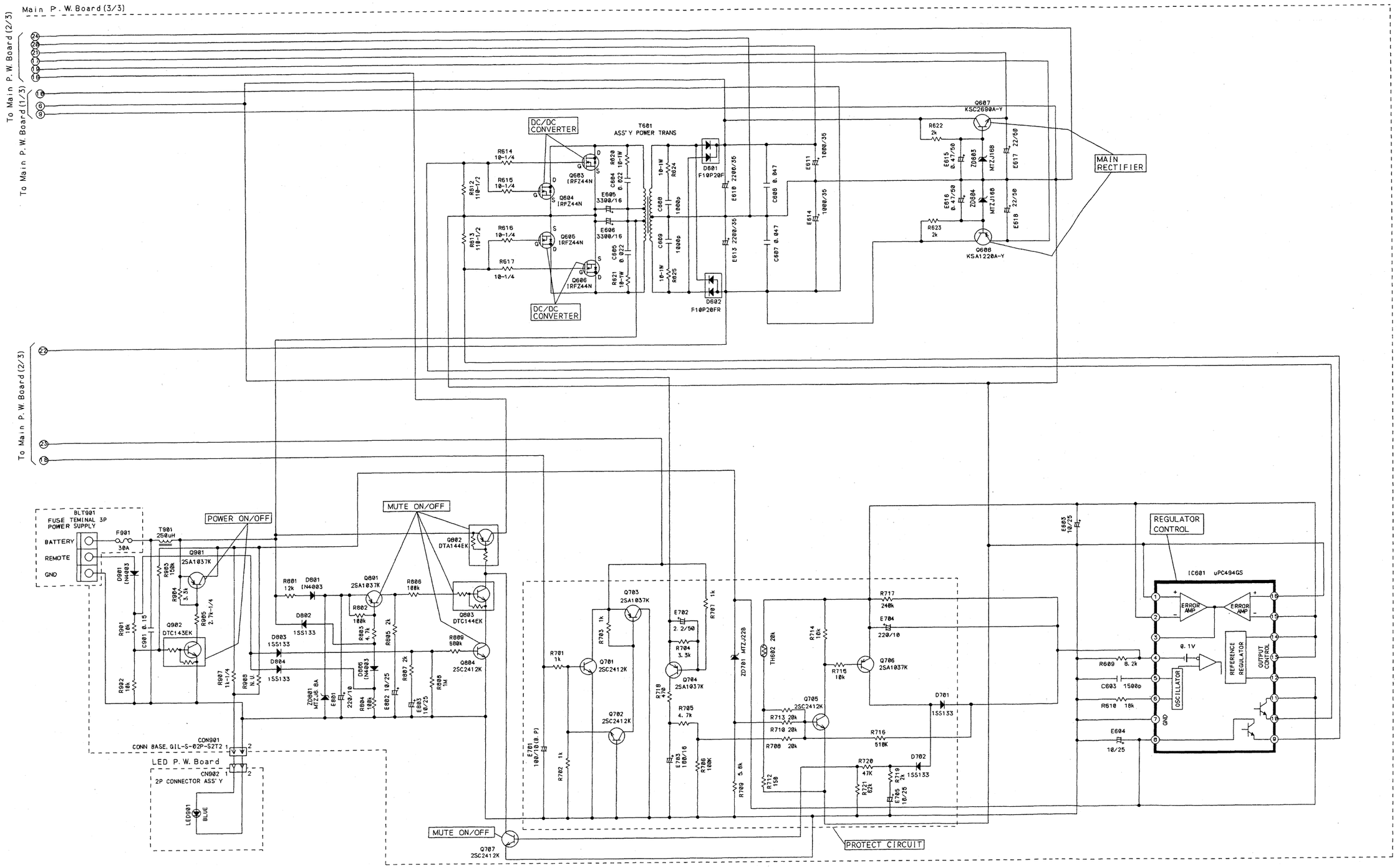
Schematic Diagram (2/3)



Main P.W.Board (2/3)

Schematic Diagram(3/3)



Terminal Voltage of IC/TR

IC101	
1	0
2	0
3	0
4	-15.2
5	0
6	0
7	0
8	15.3

IC102	
1	0
2	0
3	0
4	-15.2
5	0
6	0
7	0
8	15.3

IC103	
1	0
2	0
3	0
4	-15.2
5	0
6	0
7	0
8	15.3

IC201	
1	0
2	0
3	0
4	-15.2
5	0
6	0
7	0
8	15.3

IC202	
1	0
2	0
3	0
4	-15.2
5	0
6	0
7	0
8	15.3

IC301	
1	0
2	0
3	0
4	-15.2
5	0
6	0
7	0
8	15.3

IC302	
1	0
2	0
3	0
4	-15.2
5	0
6	0
7	0
8	15.3

IC303	
1	0
2	0
3	0
4	-15.2
5	0
6	0
7	0
8	15.3

IC401	
1	0
2	0
3	0
4	-15.2
5	0
6	0
7	0
8	15.3

IC402	
1	0
2	0
3	0
4	-15.2
5	0
6	0
7	0
8	15.3

IC501	
1	0
2	0
3	0
4	-15.2
5	0
6	0
7	0
8	15.3

IC502	
1	0
2	0
3	0
4	-15.2
5	0
6	0
7	0
8	15.3

IC503	
1	0
2	0
3	0
4	-15.2
5	0
6	0
7	0
8	15.3

IC601			
1	0	9	5.6
2	5.05	10	5.6
3	0.17	11	14
4	1.76	12	14
5	3.84	13	5.05
6	0	14	5.05
7	0	15	5.05
8	14	16	0

	E	C	B		E	C	B
Q401	-4.77	0	0	Q463	-1.03	1.03	-0.39
Q402	-4.77	0	0	Q464	-1.03	1.03	-0.39
Q403	-4.77	0	0	Q465	-1.03	1.03	-0.39
Q404	-4.77	0	0	Q466	-1.03	1.03	-0.39
Q405	-4.77	0	0	Q467	0.45	26	1.03
Q406	-4.77	0	0	Q468	0.45	26	1.03
Q407	26	26.2	26.4	Q469	0.45	26	1.03
Q408	26	26.2	26.4	Q470	0.45	26	1.03
Q409	26	26.2	26.4	Q471	0.45	26	1.03
Q410	26	26.2	26.4	Q472	0.45	26	1.03
Q411	26	26.2	26.4	Q473	-0.47	-26	-1.03
Q412	26	26.2	26.4	Q474	-0.47	-26	-1.03
Q413	26	26.2	26.4	Q475	-0.47	-26	-1.03
Q414	26	26.2	26.4	Q476	-0.47	-26	-1.03
Q415	26	26.2	26.4	Q477	-0.47	-26	-1.03
Q416	26	26.2	26.4	Q478	-0.47	-26	-1.03
Q417	26	26.2	26.4	Q479	0	0.78	0
Q418	26	26.2	26.4	Q480	0	0.78	0
Q419	25.8	1.04	25.2	Q481	0	0.78	0
Q420	25.8	1.04	25.2	Q482	0	0.78	0
Q421	25.8	1.04	25.2	Q483	0	0.78	0
Q422	25.8	1.04	25.2	Q484	0	0.78	0
Q423	25.8	1.04	25.2	Q485	0	26	0.45
Q424	25.8	1.04	25.2	Q486	0	26	0.45
Q425	-0.65	25.2	0	Q487	0	26	0.45
Q426	-0.65	25.2	0	Q488	0	26	0.45
Q427	-0.65	25.2	0	Q489	0	26	0.45
Q428	-0.65	25.2	0	Q490	0	26	0.45
Q429	-0.65	25.2	0	Q491	0	-26	-0.47
Q430	-0.65	25.2	0	Q492	0	-26	-0.47
Q431	-0.65	25.4	0	Q493	0	-26	-0.47
Q432	-0.65	25.4	0	Q494	0	-26	-0.47
Q433	-0.65	25.4	0	Q495	0	-26	-0.47
Q434	-0.65	25.4	0	Q496	0	-26	-0.47
Q435	-0.65	25.4	0	Q607	15.3	26	15.9
Q436	-0.65	25.4	0	Q608	-15.1	-26	-15.7
Q437	-25.5	-0.65	-24.9	Q701	0	26	0
Q438	-25.5	-0.65	-24.9	Q702	0	26	0
Q439	-25.5	-0.65	-24.9	Q703	26	0	26
Q440	-25.5	-0.65	-24.9	Q704	26	0	26
Q441	-25.5	-0.65	-24.9	Q705	0	5.05	0
Q442	-25.5	-0.65	-24.9	Q706	5.05	0	5.05
Q443	-25.5	-1.03	-24.9	Q707	0	14.4	0
Q444	-25.5	-1.03	-24.9	Q801	6.4	0	5.88
Q445	-25.5	-1.03	-24.9	Q802	14.4	-4.8	14.4
Q446	-25.5	-1.03	-24.9	Q803	0	14.4	0
Q447	-25.5	-1.03	-24.9	Q804	0	0	0.56
Q448	-25.5	-1.03	-24.9	Q901	14.4	14	13.6
Q461	-1.03	1.03	-0.39	Q902	0	0	3.87
Q462	-1.03	1.03	-0.39				

	G	D	S
Q603	5.6	14.4	0
Q604	5.6	14.4	0
Q605	5.6	14.4	0
Q606	5.6	14.4	0

[Measuring Conditions]
- Power Supply Voltage : DC14.4V
- Measuring Meter : Digital Multi Meter
- Measuring Point Reference : Between GND
- Measuring Condition : No signal input

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Electrical Parts List

Capacitor : μF=microfarads,pF=picofarads

Abbreviations

RES.= Resistor	CAP.= Capacitor
C.F.= Carbon Film	ELY.= Electrolytic
M.F.= Metal Film	CER.= Ceramic
M.O.= Metal OxideFilm	MYL.= Mylar
M.P.= Metal Plate	TAN.= Tantalum
TR. = Transistor	POLY.= Polystyrol
TRANS.= Transformer	PP. = Polypropylene
CP. = Chip	PLT.= Polyethylene
	PF. = Polyester Film

Symbol No.	Part No.	Description
Main P.W.Board		
IC's		
IC101	51E22130S01	IC, NJM 4560M -TE3
IC102	51E22130S01	IC, NJM 4560M -TE3
IC103	51E22130S01	IC, NJM 4560M -TE3
IC201	51E22130S01	IC, NJM 4560M -TE3
IC202	51E22130S01	IC, NJM 4560M -TE3
IC301	51E22130S01	IC, NJM 4560M -TE3
IC302	51E22130S01	IC, NJM 4560M -TE3
IC303	51E22130S01	IC, NJM 4560M -TE3
IC401	51E22130S01	IC, NJM 4560M -TE3
IC402	51E22130S01	IC, NJM 4560M -TE3
IC501	51E22130S01	IC, NJM 4560M -TE3
IC502	51E22130S01	IC, NJM 4560M -TE3
IC503	51E22130S01	IC, NJM 4560M -TE3
IC601	51E27890S01	IC, uPC 494GS
Transistors		
Q401	48E31104S01	TR, KTC 2874-B -RD
Q402	48E31104S01	TR, KTC 2874-B -RD
Q403	48E31104S01	TR, KTC 2874-B -RD
Q404	48E31104S01	TR, KTC 2874-B -RD
Q405	48E31104S01	TR, KTC 2874-B -RD
Q406	48E31104S01	TR, KTC 2874-B -RD
Q407	48E22900S01	TR, 2SA1037K-Q, R, S-CP
Q408	48E22900S01	TR, 2SA1037K-Q, R, S-CP
Q409	48E22900S01	TR, 2SA1037K-Q, R, S-CP
Q410	48E22900S01	TR, 2SA1037K-Q, R, S-CP
Q411	48E22900S01	TR, 2SA1037K-Q, R, S-CP
Q412	48E22900S01	TR, 2SA1037K-Q, R, S-CP
Q413	48E22900S01	TR, 2SA1037K-Q, R, S-CP
Q414	48E22900S01	TR, 2SA1037K-Q, R, S-CP
Q415	48E22900S01	TR, 2SA1037K-Q, R, S-CP
Q416	48E22900S01	TR, 2SA1037K-Q, R, S-CP
Q417	48E22900S01	TR, 2SA1037K-Q, R, S-CP
Q418	48E22900S01	TR, 2SA1037K-Q, R, S-CP
Q419	48E09036S02	TR, KTA 1266-Y -RD
Q420	48E09036S02	TR, KTA 1266-Y -RD
Q421	48E09036S02	TR, KTA 1266-Y -RD
Q422	48E09036S02	TR, KTA 1266-Y -RD
Q423	48E09036S02	TR, KTA 1266-Y -RD
Q424	48E09036S02	TR, KTA 1266-Y -RD
Q425	48E22902S01	TR, 2SC2412K-T146 -CP
Q426	48E22902S01	TR, 2SC2412K-T146 -CP
Q427	48E22902S01	TR, 2SC2412K-T146 -CP
Q428	48E22902S01	TR, 2SC2412K-T146 -CP
Q429	48E22902S01	TR, 2SC2412K-T146 -CP
Q430	48E22902S01	TR, 2SC2412K-T146 -CP
Q431	48E22902S01	TR, 2SC2412K-T146 -CP
Q432	48E22902S01	TR, 2SC2412K-T146 -CP
Q433	48E22902S01	TR, 2SC2412K-T146 -CP
Q434	48E22902S01	TR, 2SC2412K-T146 -CP
Q435	48E22902S01	TR, 2SC2412K-T146 -CP
Q436	48E22902S01	TR, 2SC2412K-T146 -CP
Q437	48E22902S01	TR, 2SC2412K-T146 -CP
Q438	48E22902S01	TR, 2SC2412K-T146 -CP
Q439	48E22902S01	TR, 2SC2412K-T146 -CP
Q440	48E22902S01	TR, 2SC2412K-T146 -CP
Q441	48E22902S01	TR, 2SC2412K-T146 -CP
Q442	48E22902S01	TR, 2SC2412K-T146 -CP
Q443	48E09088S01	TR, KTC 3198-Y -RD
Q444	48E09088S01	TR, KTC 3198-Y -RD
Q445	48E09088S01	TR, KTC 3198-Y -RD
Q446	48E09088S01	TR, KTC 3198-Y -RD
Q447	48E09088S01	TR, KTC 3198-Y -RD
Q448	48E09088S01	TR, KTC 3198-Y -RD
Q461	48E08329S01	TR, KSC 2682-Y
Q462	48E08329S01	TR, KSC 2682-Y
Q463	48E08329S01	TR, KSC 2682-Y
Q464	48E08329S01	TR, KSC 2682-Y
Q465	48E08329S01	TR, KSC 2682-Y
Q466	48E08329S01	TR, KSC 2682-Y
Q467	48E23701S01	TR, KTC 3228-0 -RD
Q468	48E23701S01	TR, KTC 3228-0 -RD
Q469	48E23701S01	TR, KTC 3228-0 -RD
Q470	48E23701S01	TR, KTC 3228-0 -RD
Q471	48E23701S01	TR, KTC 3228-0 -RD
Q472	48E23701S01	TR, KTC 3228-0 -RD
Q473	48E23700S01	TR, KTA 1275-0 -RD
Q474	48E23700S01	TR, KTA 1275-0 -RD
Q475	48E23700S01	TR, KTA 1275-0 -RD

Symbol No.	Part No.	Description
Q476	48E23700S01	TR, KTA 1275-O -RD
Q477	48E23700S01	TR, KTA 1275-O -RD
Q478	48E23700S01	TR, KTA 1275-O -RD
Q479	48E22902S01	TR, 2SC2412K-T146 -CP
Q480	48E22902S01	TR, 2SC2412K-T146 -CP
Q481	48E22902S01	TR, 2SC2412K-T146 -CP
Q482	48E22902S01	TR, 2SC2412K-T146 -CP
Q483	48E22902S01	TR, 2SC2412K-T146 -CP
Q484	48E22902S01	TR, 2SC2412K-T146 -CP
Q485	48E27748S01	TR, KTD 718-O
Q486	48E27748S01	TR, KTD 718-O
Q487	48E27748S01	TR, KTD 718-O
Q488	48E27748S01	TR, KTD 718-O
Q489	48E27748S01	TR, KTD 718-O
Q490	48E27748S01	TR, KTD 718-O
Q491	48E27747S01	TR, KTB 688-O
Q492	48E27747S01	TR, KTB 688-O
Q493	48E27747S01	TR, KTB 688-O
Q494	48E27747S01	TR, KTB 688-O
Q495	48E27747S01	TR, KTB 688-O
Q496	48E27747S01	TR, KTB 688-O
Q603	48E29536S01	FET, IRFZ 44N
Q604	48E29536S01	FET, IRFZ 44N
Q605	48E29536S01	FET, IRFZ 44N
Q606	48E29536S01	FET, IRFZ 44N
Q607	48E10027S01	TR, KSC 2690A-Y
Q608	48E05943S01	TR, KSA 1220A-Y
Q701	48E22902S01	TR, 2SC2412K-T146 -CP
Q702	48E22902S01	TR, 2SC2412K-T146 -CP
Q703	48E22900S01	TR, 2SA1037K-Q, R, S-CP
Q704	48E22900S01	TR, 2SA1037K-Q, R, S-CP
Q705	48E22902S01	TR, 2SC2412K-T146 -CP
Q706	48E22900S01	TR, 2SA1037K-Q, R, S-CP
Q707	48E22902S01	TR, 2SC2412K-T146 -CP
Q801	48E22900S01	TR, 2SA1037K-Q, R, S-CP
Q802	48E23697S01	TR, DTA144EK-T146 -CP
Q803	48E22555S01	TR, DTC144EK-T146 -CP
Q804	48E22902S01	TR, 2SC2412K-T146 -CP
Q901	48E22900S01	TR, 2SA1037K-Q, R, S-CP
Q902	48E22903S01	TR, DTC143EK-T146 -CP

Diodes

D407	48E22916S01	DIO, 1SS133-T-77 -AX
D408	48E22916S01	DIO, 1SS133-T-77 -AX
D409	48E22916S01	DIO, 1SS133-T-77 -AX
D410	48E22916S01	DIO, 1SS133-T-77 -AX
D411	48E22916S01	DIO, 1SS133-T-77 -AX
D412	48E22916S01	DIO, 1SS133-T-77 -AX
D413	48E22916S01	DIO, 1SS133-T-77 -AX
D414	48E22916S01	DIO, 1SS133-T-77 -AX
D415	48E22916S01	DIO, 1SS133-T-77 -AX
D416	48E22916S01	DIO, 1SS133-T-77 -AX
D417	48E22916S01	DIO, 1SS133-T-77 -AX
D418	48E22916S01	DIO, 1SS133-T-77 -AX
D601	48T65059W01	DIO, REC F10P20F
D602	48T65059W02	DIO, REC F10P20FR
D701	48E22916S01	DIO, 1SS133-T-77 -AX
D702	48E22916S01	DIO, 1SS133-T-77 -AX
D801	48E23703S01	DIO, IN 4003 -AX
D802	48E22916S01	DIO, 1SS133-T-77 -AX
D803	48E22916S01	DIO, 1SS133-T-77 -AX
D804	48E22916S01	DIO, 1SS133-T-77 -AX
D805	48E23703S01	DIO, IN 4003 -AX
D901	48E23703S01	DIO, IN 4003 -AX
ZD603	48E22436S01	DIO, ZEN. MTZJ-16-B-AX
ZD604	48E22436S01	DIO, ZEN. MTZJ-16-B-AX
ZD701	48E08332S01	DIO, ZEN. MTZJ-22-B-AX
ZD801	48E22917S01	DIO, ZEN. MTZJ-6.8A-AX

Switches

SW301	40E23679S01	S/W SSAF 122NA(FILTER)
SW302	40E23679S01	S/W SSAF 122NA(FILTER)
SW303	40E29408S01	S/W SLIDE. SSAF112NA(BASS BOOST)

Transformers

T601	25E29258S01	ASS'Y POWER TRANS
T901	24E29250S01	CHOKE TRANS 28mm

Thermistor

TH602	48E20887S01	TH, YTD5-320(20K)-YEL

Capacitors

C105	08E32056S01	CAP, CER. 101-CH1H- CP
C106	08E32056S01	CAP, CER. 101-CH1H- CP
C107	08E32056S01	CAP, CER. 101-CH1H- CP
C108	08E32056S01	CAP, CER. 101-CH1H- CP
C109	08E32056S01	CAP, CER. 101-CH1H- CP
C110	08E32056S01	CAP, CER. 101-CH1H- CP

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Symbol No.	Part No.	Description
C111	08E32056S01	CAP, CER. 101-CH1H- CP
C112	08E32056S01	CAP, CER. 101-CH1H- CP
C113	08E32054S01	CAP, CER. 10R-CH1H- CP
C114	08E32054S01	CAP, CER. 10R-CH1H- CP
C115	08E32054S01	CAP, CER. 10R-CH1H- CP
C116	08E32054S01	CAP, CER. 10R-CH1H- CP
C117	08E32054S01	CAP, CER. 10R-CH1H- CP
C118	08E32054S01	CAP, CER. 10R-CH1H- CP
C119	08E32054S01	CAP, CER. 10R-CH1H- CP
C120	08E32054S01	CAP, CER. 10R-CH1H- CP
C121	08E32054S01	CAP, CER. 10R-CH1H- CP
C122	08E32054S01	CAP, CER. 10R-CH1H- CP
C123	08E32054S01	CAP, CER. 10R-CH1H- CP
C124	08E32054S01	CAP, CER. 10R-CH1H- CP
C125	08E32054S01	CAP, CER. 10R-CH1H- CP
C126	08E32054S01	CAP, CER. 10R-CH1H- CP
C127	08E22081S01	CAP, CER. 102-J -CP
C128	08E22081S01	CAP, CER. 102-J -CP
C129	08E22081S01	CAP, CER. 102-J -CP
C130	08E22081S01	CAP, CER. 102-J -CP
C131	08E32058S01	CAP, CER. X7R-102-K-CP
C132	08E32058S01	CAP, CER. X7R-102-K-CP
C133	08E32058S01	CAP, CER. X7R-102-K-CP
C134	08E32058S01	CAP, CER. X7R-102-K-CP
C201	08E07631S23	CAP, MYL. 333-J -RD
C202	08E32054S01	CAP, CER. 10R-CH1H- CP
C203	08E07631S09	CAP, MYL. 183-J -RD
C204	08E07631S09	CAP, MYL. 183-J -RD
C205	08E07631S09	CAP, MYL. 183-J -RD
C206	08E07631S09	CAP, MYL. 183-J -RD
C207	08E07631S09	CAP, MYL. 183-J -RD
C208	08E07631S09	CAP, MYL. 183-J -RD
C209	08E07631S09	CAP, MYL. 183-J -RD
C210	08E07631S09	CAP, MYL. 183-J -RD
C211	08E31050S01	CAP, MF 224-J-63V -RD
C212	08E31020S01	CAP, MF 104-J-63V -RD
C305	08E32054S01	CAP, CER. 10R-CH1H- CP
C401	08E32057S01	CAP, CER. 331-CH1H- CP
C402	08E32057S01	CAP, CER. 331-CH1H- CP
C403	08E32057S01	CAP, CER. 331-CH1H- CP
C404	08E32057S01	CAP, CER. 331-CH1H- CP
C405	08E32057S01	CAP, CER. 331-CH1H- CP
C406	08E32057S01	CAP, CER. 331-CH1H- CP
C407	08E32058S01	CAP, CER. X7R-102-K-CP
C408	08E32058S01	CAP, CER. X7R-102-K-CP
C409	08E32058S01	CAP, CER. X7R-102-K-CP
C410	08E32058S01	CAP, CER. X7R-102-K-CP
C411	08E32058S01	CAP, CER. X7R-102-K-CP
C412	08E32058S01	CAP, CER. X7R-102-K-CP

Symbol No.	Part No.	Description
C413	08E32053S01	CAP, CER. 5R0-CH1H- CP
C414	08E32053S01	CAP, CER. 5R0-CH1H- CP
C415	08E32053S01	CAP, CER. 5R0-CH1H- CP
C416	08E32053S01	CAP, CER. 5R0-CH1H- CP
C417	08E32053S01	CAP, CER. 5R0-CH1H- CP
C418	08E32053S01	CAP, CER. 5R0-CH1H- CP
C419	08E20216S01	CAP, MYL. 103-J -RD
C420	08E20216S01	CAP, MYL. 103-J -RD
C421	08E20216S01	CAP, MYL. 103-J -RD
C422	08E20216S01	CAP, MYL. 103-J -RD
C423	08E20216S01	CAP, MYL. 103-J -RD
C424	08E20216S01	CAP, MYL. 103-J -RD
C425	08E32054S01	CAP, CER. 10R-CH1H- CP
C426	08E32054S01	CAP, CER. 10R-CH1H- CP
C427	08E32054S01	CAP, CER. 10R-CH1H- CP
C428	08E32054S01	CAP, CER. 10R-CH1H- CP
C429	08E32054S01	CAP, CER. 10R-CH1H- CP
C430	08E32054S01	CAP, CER. 10R-CH1H- CP
C431	08E32055S01	CAP, CER. 68R-CH1H- CP
C432	08E32055S01	CAP, CER. 68R-CH1H- CP
C433	08E32055S01	CAP, CER. 68R-CH1H- CP
C434	08E32055S01	CAP, CER. 68R-CH1H- CP
C435	08E32055S01	CAP, CER. 68R-CH1H- CP
C436	08E32055S01	CAP, CER. 68R-CH1H- CP
C437	08E32055S01	CAP, CER. 68R-CH1H- CP
C438	08E32055S01	CAP, CER. 68R-CH1H- CP
C439	08E32055S01	CAP, CER. 68R-CH1H- CP
C440	08E32055S01	CAP, CER. 68R-CH1H- CP
C441	08E32055S01	CAP, CER. 68R-CH1H- CP
C442	08E32055S01	CAP, CER. 68R-CH1H- CP
C571	08E07631S18	CAP, MYL. 473-J -RD
C572	08E07631S18	CAP, MYL. 473-J -RD
C573	08E07631S18	CAP, MYL. 473-J -RD
C574	08E07631S18	CAP, MYL. 473-J -RD
C575	08E07631S18	CAP, MYL. 473-J -RD
C576	08E07631S18	CAP, MYL. 473-J -RD
C603	08E25318S01	CAP, TF. AMCS 152-J-RD
C604	08E07631S10	CAP, MYL. 223-J -RD
C605	08E07631S10	CAP, MYL. 223-J -RD
C606	08E07631S18	CAP, MYL. 473-J -RD
C607	08E07631S18	CAP, MYL. 473-J -RD
C608	23E32061S01	CAP, MYL. 102-J -RD
C609	23E32061S01	CAP, MYL. 102-J -RD
C901	08E31021S01	CAP, MF 154-J-63V -RD
E101	23E31017S01	CAP, SHL 10/25-M -RD
E102	23E31017S01	CAP, SHL 10/25-M -RD
E103	23E31017S01	CAP, SHL 10/25-M -RD
E104	23E31017S01	CAP, SHL 10/25-M -RD
E105	23E31017S01	CAP, SHL 10/25-M -RD

Symbol No.	Part No.	Description
E106	23E31017S01	CAP, SHL 10/25-M -RD
E107	23E31017S01	CAP, SHL 10/25-M -RD
E108	23E31017S01	CAP, SHL 10/25-M -RD
E201	23E31056S01	CAP, SHL 0.1/50-M -RD
E202	23E31013S01	CAP, SHL 3.3/50-M -RD
E203	23E32060S01	CAP, SHL 0.33/50-M-RD
E204	23E32060S01	CAP, SHL 0.33/50-M-RD
E205	23E32060S01	CAP, SHL 0.33/50-M-RD
E206	23E32060S01	CAP, SHL 0.33/50-M-RD
E207	23E31016S01	CAP, SHL 22/50-M -RD
E301	23E31016S01	CAP, SHL 22/50-M -RD
E302	23E31016S01	CAP, SHL 22/50-M -RD
E303	23E31016S01	CAP, SHL 22/50-M -RD
E304	23E31016S01	CAP, SHL 22/50-M -RD
E401	23E31016S01	CAP, SHL 22/50-M -RD
E402	23E31016S01	CAP, SHL 22/50-M -RD
E403	23E31016S01	CAP, SHL 22/50-M -RD
E404	23E31016S01	CAP, SHL 22/50-M -RD
E405	23E31016S01	CAP, SHL 22/50-M -RD
E406	23E31016S01	CAP, SHL 22/50-M -RD
E407	23E31011S01	CAP, SHL 0.47/50-M-RD
E408	23E31011S01	CAP, SHL 0.47/50-M-RD
E409	23E31011S01	CAP, SHL 0.47/50-M-RD
E410	23E31011S01	CAP, SHL 0.47/50-M-RD
E411	23E31011S01	CAP, SHL 0.47/50-M-RD
E412	23E31011S01	CAP, SHL 0.47/50-M-RD
E413	23E31011S01	CAP, SHL 0.47/50-M-RD
E414	23E31011S01	CAP, SHL 0.47/50-M-RD
E415	23E31011S01	CAP, SHL 0.47/50-M-RD
E416	23E31011S01	CAP, SHL 0.47/50-M-RD
E417	23E31011S01	CAP, SHL 0.47/50-M-RD
E418	23E31011S01	CAP, SHL 0.47/50-M-RD
E419	23E23848S01	CAP, SHL 220/10-M -RD
E420	23E23848S01	CAP, SHL 220/10-M -RD
E421	23E23848S01	CAP, SHL 220/10-M -RD
E422	23E23848S01	CAP, SHL 220/10-M -RD
E423	23E23848S01	CAP, SHL 220/10-M -RD
E424	23E23848S01	CAP, SHL 220/10-M -RD
E425	23E31012S01	CAP, SHL 2.2/50-M -RD
E426	23E31012S01	CAP, SHL 2.2/50-M -RD
E427	23E31012S01	CAP, SHL 2.2/50-M -RD
E428	23E31012S01	CAP, SHL 2.2/50-M -RD
E429	23E31012S01	CAP, SHL 2.2/50-M -RD
E430	23E31012S01	CAP, SHL 2.2/50-M -RD
E431	23E31016S01	CAP, SHL 22/50-M -RD
E432	23E31016S01	CAP, SHL 22/50-M -RD
E603	23E31017S01	CAP, SHL 10/25-M -RD
E604	23E31017S01	CAP, SHL 10/25-M -RD
E605	23E29269S01	CAP, ELEC. 3300/16-M

Symbol No.	Part No.	Description
E606	23E29269S01	CAP, ELEC. 3300/16-M
E610	23E32051S01	CAP, ELEC. 2200/35-M
E611	23E32041S01	CAP, SHL 1000/35-M-RD
E613	23E32051S01	CAP, ELEC. 2200/35-M
E614	23E32041S01	CAP, SHL 1000/35-M-RD
E615	23E31011S01	CAP, SHL 0.47/50-M-RD
E616	23E31011S01	CAP, SHL 0.47/50-M-RD
E617	23E31016S01	CAP, SHL 22/50-M -RD
E618	23E31016S01	CAP, SHL 22/50-M -RD
E701	23E11142S01	CAP, 100/10-M-BP -RD
E702	23E31012S01	CAP, SHL 2.2/50-M -RD
E703	23E23849S01	CAP, SHL 100/16-M -RD
E704	23E23848S01	CAP, SHL 220/10-M -RD
E705	23E31017S01	CAP, SHL 10/25-M -RD
E801	23E23848S01	CAP, SHL 220/10-M -RD
E802	23E31017S01	CAP, SHL 10/25-M -RD
E803	23E31017S01	CAP, SHL 10/25-M -RD

Resistors

CJ01	06E22039S01	RES, CF. 0R0-J-1/8-CP
CJ02	06E22039S01	RES, CF. 0R0-J-1/8-CP
CJ03	06E22039S01	RES, CF. 0R0-J-1/8-CP
CJ04	06E22039S01	RES, CF. 0R0-J-1/8-CP
CJ05	06E22039S01	RES, CF. 0R0-J-1/8-CP
CJ06	06E22039S01	RES, CF. 0R0-J-1/8-CP
CJ07	06E22039S01	RES, CF. 0R0-J-1/8-CP
CJ08	06E22039S01	RES, CF. 0R0-J-1/8-CP
CJ09	06E22039S01	RES, CF. 0R0-J-1/8-CP
CJ10	06E22039S01	RES, CF. 0R0-J-1/8-CP
CJ11	06E22039S01	RES, CF. 0R0-J-1/8-CP
CJ12	06E22039S01	RES, CF. 0R0-J-1/8-CP
CJ13	06E22039S01	RES, CF. 0R0-J-1/8-CP
CJ14	06E22039S01	RES, CF. 0R0-J-1/8-CP
CJ15	06E22039S01	RES, CF. 0R0-J-1/8-CP
CJ16	06E22039S01	RES, CF. 0R0-J-1/8-CP
CJ17	06E22039S01	RES, CF. 0R0-J-1/8-CP
CJ18	06E22039S01	RES, CF. 0R0-J-1/8-CP
CJ19	06E22039S01	RES, CF. 0R0-J-1/8-CP
CJ20	06E22039S01	RES, CF. 0R0-J-1/8-CP
CJ21	06E22039S01	RES, CF. 0R0-J-1/8-CP
CJ22	06E22039S01	RES, CF. 0R0-J-1/8-CP
CJ23	06E22039S01	RES, CF. 0R0-J-1/8-CP
CJ24	06E22039S01	RES, CF. 0R0-J-1/8-CP
CJ25	06E22039S01	RES, CF. 0R0-J-1/8-CP
CJ26	06E22039S01	RES, CF. 0R0-J-1/8-CP
CJ27	06E22039S01	RES, CF. 0R0-J-1/8-CP
CJ28	06E22039S01	RES, CF. 0R0-J-1/8-CP

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Symbol No.	Part No.	Description
CJ29	06E22039S01	RES, CF. 0R0-J-1/8-CP
CJ30	06E22039S01	RES, CF. 0R0-J-1/8-CP
CJ31	06E22039S01	RES, CF. 0R0-J-1/8-CP
CJ32	06E22039S01	RES, CF. 0R0-J-1/8-CP
CJ33	06E22039S01	RES, CF. 0R0-J-1/8-CP
CJ34	06E22039S01	RES, CF. 0R0-J-1/8-CP
CJ35	06E22039S01	RES, CF. 0R0-J-1/8-CP
CJ36	06E22039S01	RES, CF. 0R0-J-1/8-CP
CJ37	06E22039S01	RES, CF. 0R0-J-1/8-CP
CJ38	06E22039S01	RES, CF. 0R0-J-1/8-CP
CJ39	06E22039S01	RES, CF. 0R0-J-1/8-CP
CJ40	06E22039S01	RES, CF. 0R0-J-1/8-CP
R101	06E22060S01	RES, CF. 223-J-1/10-CP
R102	06E22060S01	RES, CF. 223-J-1/10-CP
R103	06E22060S01	RES, CF. 223-J-1/10-CP
R104	06E22060S01	RES, CF. 223-J-1/10-CP
R105	06E22112S01	RES, CF. 113-J-1/10-CP
R106	06E22112S01	RES, CF. 113-J-1/10-CP
R107	06E22112S01	RES, CF. 113-J-1/10-CP
R108	06E23685S01	RES, CF. 113-J-1/8-CP
R109	06E22112S01	RES, CF. 113-J-1/10-CP
R110	06E22112S01	RES, CF. 113-J-1/10-CP
R111	06E22112S01	RES, CF. 113-J-1/10-CP
R112	06E22112S01	RES, CF. 113-J-1/10-CP
R113	06E28535S01	RES, CF. 223-J-1/16-CP
R114	06E28535S01	RES, CF. 223-J-1/16-CP
R115	06E22036S01	RES, CF. 223-J-1/8-CP
R116	06E28535S01	RES, CF. 223-J-1/16-CP
R117	06E22030S01	RES, CF. 102-J-1/8-CP
R118	06E28533S01	RES, CF. 102-J-1/16-CP
R119	06E28533S01	RES, CF. 102-J-1/16-CP
R120	06E28533S01	RES, CF. 102-J-1/16-CP
R121	06E22030S01	RES, CF. 102-J-1/8-CP
R122	06E28533S01	RES, CF. 102-J-1/16-CP
R123	06E22030S01	RES, CF. 102-J-1/8-CP
R124	06E28533S01	RES, CF. 102-J-1/16-CP
R125	06E31163S01	RES, CF. 224-J-1/16-CP
R126	06E31163S01	RES, CF. 224-J-1/16-CP
R127	06E31163S01	RES, CF. 224-J-1/16-CP
R128	06E31163S01	RES, CF. 224-J-1/16-CP
R129	06E31163S01	RES, CF. 224-J-1/16-CP
R130	06E31163S01	RES, CF. 224-J-1/16-CP
R131	06E31163S01	RES, CF. 224-J-1/16-CP
R132	06E31163S01	RES, CF. 224-J-1/16-CP
R133	06S15593Y77	RES, RK. 153F-1/10-CP
R134	06S15593Y77	RES, RK. 153F-1/10-CP
R135	06S15593Y77	RES, RK. 153F-1/10-CP
R136	06S15593Y77	RES, RK. 153F-1/10-CP
R137	06S15593Y77	RES, RK. 153F-1/10-CP

Symbol No.	Part No.	Description
R138	06S15593Y77	RES, RK. 153F-1/10-CP
R139	06S15593Y77	RES, RK. 153F-1/10-CP
R140	06S15593Y77	RES, RK. 153F-1/10-CP
R141	06S15593Y77	RES, RK. 153F-1/10-CP
R142	06S15593Y77	RES, RK. 153F-1/10-CP
R143	06S15593Y77	RES, RK. 153F-1/10-CP
R144	06S15593Y77	RES, RK. 153F-1/10-CP
R145	06S15593Y77	RES, RK. 153F-1/10-CP
R146	06S15593Y77	RES, RK. 153F-1/10-CP
R147	06S15593Y77	RES, RK. 153F-1/10-CP
R148	06S15593Y77	RES, RK. 153F-1/10-CP
R149	06E20903S01	RES, CF. 103-J-1/10-CP
R150	06E28534S01	RES, CF. 103-J-1/16-CP
R151	06E28535S01	RES, CF. 223-J-1/16-CP
R152	06E28535S01	RES, CF. 223-J-1/16-CP
R153	06E28555S01	RES, CF. 153-J-1/16-CP
R154	06E28533S01	RES, CF. 102-J-1/16-CP
R155	06E28533S01	RES, CF. 102-J-1/16-CP
R156	06E28533S01	RES, CF. 102-J-1/16-CP
R157	06E28533S01	RES, CF. 102-J-1/16-CP
R158	06E22030S01	RES, CF. 102-J-1/8-CP
R159	06E28533S01	RES, CF. 102-J-1/16-CP
R160	06E28533S01	RES, CF. 102-J-1/16-CP
R161	06E28533S01	RES, CF. 102-J-1/16-CP
R162	06E31152S01	RES, CF. 152-J-1/16-CP
R163	06E23736S01	RES, CF. 152-J-1/8-CP
R164	06E31152S01	RES, CF. 152-J-1/16-CP
R165	06E23736S01	RES, CF. 152-J-1/8-CP
R166	06E31152S01	RES, CF. 152-J-1/16-CP
R167	06E32033S01	RES, CF. 911-J-1/16-CP
R168	06E32033S01	RES, CF. 911-J-1/16-CP
R169	06E32033S01	RES, CF. 911-J-1/16-CP
R170	06E32033S01	RES, CF. 911-J-1/16-CP
R171	06E32033S01	RES, CF. 911-J-1/16-CP
R201	06E31160S01	RES, CF. 473-J-1/16-CP
R202	06E31156S01	RES, CF. 512-J-1/16-CP
R203	06E31152S01	RES, CF. 152-J-1/16-CP
R204	06E24359S01	RES, CF. 114-J-1/10-CP
R205	06E31150S01	RES, CF. 112-J-1/16-CP
R206	06E31156S01	RES, CF. 512-J-1/16-CP
R207	06E22952S01	RES, CF. 512-J-1/10-CP
R208	06E31156S01	RES, CF. 512-J-1/16-CP
R209	06E22062S01	RES, CF. 473-J-1/10-CP
R210	06E31160S01	RES, CF. 473-J-1/16-CP
R211	06E22062S01	RES, CF. 473-J-1/10-CP
R212	06E31160S01	RES, CF. 473-J-1/16-CP
R213	06E31163S01	RES, CF. 224-J-1/16-CP
R214	06E31163S01	RES, CF. 224-J-1/16-CP
R215	06E31163S01	RES, CF. 224-J-1/16-CP

Symbol No.	Part No.	Description
R216	06E31163S01	RES, CF. 224-J-1/16-CP
R217	06E22507S01	RES, CF. 153-J-1/10-CP
R218	06E23593S01	RES, CF. 153-J-1/8-CP
R219	06E22507S01	RES, CF. 153-J-1/10-CP
R220	06E23593S01	RES, CF. 153-J-1/8-CP
R301	06E22896S01	RES, CF. 912-J-1/10-CP
R302	06E22896S01	RES, CF. 912-J-1/10-CP
R303	06E22896S01	RES, CF. 912-J-1/10-CP
R304	06E22896S01	RES, CF. 912-J-1/10-CP
R305	06E22896S01	RES, CF. 912-J-1/10-CP
R306	06E28534S01	RES, CF. 103-J-1/16-CP
R313	06E28534S01	RES, CF. 103-J-1/16-CP
R318	06E28794S01	RES, CF. 273-J-1/16-CP
R405	06E22896S01	RES, CF. 912-J-1/10-CP
R406	06E22054S01	RES, CF. 392-J-1/10-CP
R407	06E22054S01	RES, CF. 392-J-1/10-CP
R408	06E22054S01	RES, CF. 392-J-1/10-CP
R409	06E22054S01	RES, CF. 392-J-1/10-CP
R410	06E22054S01	RES, CF. 392-J-1/10-CP
R411	06E22054S01	RES, CF. 392-J-1/10-CP
R412	06E22048S01	RES, CF. 102-J-1/10-CP
R413	06E22048S01	RES, CF. 102-J-1/10-CP
R414	06E22048S01	RES, CF. 102-J-1/10-CP
R415	06E22048S01	RES, CF. 102-J-1/10-CP
R416	06E22048S01	RES, CF. 102-J-1/10-CP
R417	06E22048S01	RES, CF. 102-J-1/10-CP
R418	06E22111S01	RES, CF. 562-J-1/10-CP
R419	06E22111S01	RES, CF. 562-J-1/10-CP
R420	06E21162S01	RES, CF. 562-J-1/8-CP
R421	06E22111S01	RES, CF. 562-J-1/10-CP
R422	06E22111S01	RES, CF. 562-J-1/10-CP
R423	06E21162S01	RES, CF. 562-J-1/8-CP
R424	06E20903S01	RES, CF. 103-J-1/10-CP
R425	06E20903S01	RES, CF. 103-J-1/10-CP
R426	06E20903S01	RES, CF. 103-J-1/10-CP
R427	06E20903S01	RES, CF. 103-J-1/10-CP
R428	06E20903S01	RES, CF. 103-J-1/10-CP
R429	06E20903S01	RES, CF. 103-J-1/10-CP
R430	06E23571S01	RES, CF. 47R-J-1/10-CP
R431	06E23571S01	RES, CF. 47R-J-1/10-CP
R432	06E23571S01	RES, CF. 47R-J-1/10-CP
R433	06E23571S01	RES, CF. 47R-J-1/10-CP
R434	06E23571S01	RES, CF. 47R-J-1/10-CP
R435	06E23571S01	RES, CF. 47R-J-1/10-CP
R436	06E23571S01	RES, CF. 47R-J-1/10-CP
R437	06E23571S01	RES, CF. 47R-J-1/10-CP
R438	06E23571S01	RES, CF. 47R-J-1/10-CP
R439	06E23571S01	RES, CF. 47R-J-1/10-CP
R440	06E23571S01	RES, CF. 47R-J-1/10-CP

Symbol No.	Part No.	Description
R441	06E23571S01	RES, CF. 47R-J-1/10-CP
R442	06E22505S01	RES, CF. 471-J-1/10-CP
R443	06E22505S01	RES, CF. 471-J-1/10-CP
R444	06E22505S01	RES, CF. 471-J-1/10-CP
R445	06E22505S01	RES, CF. 471-J-1/10-CP
R446	06E22505S01	RES, CF. 471-J-1/10-CP
R447	06E22505S01	RES, CF. 471-J-1/10-CP
R448	06E22043S01	RES, CF. 331-J-1/10-CP
R449	06E22043S01	RES, CF. 331-J-1/10-CP
R450	06E22043S01	RES, CF. 331-J-1/10-CP
R451	06E22043S01	RES, CF. 331-J-1/10-CP
R452	06E22043S01	RES, CF. 331-J-1/10-CP
R453	06E22043S01	RES, CF. 331-J-1/10-CP
R454	06E22043S01	RES, CF. 331-J-1/10-CP
R455	06E22043S01	RES, CF. 331-J-1/10-CP
R456	06E22043S01	RES, CF. 331-J-1/10-CP
R457	06E22043S01	RES, CF. 331-J-1/10-CP
R458	06E22043S01	RES, CF. 331-J-1/10-CP
R459	06E22043S01	RES, CF. 331-J-1/10-CP
R460	06E23690S01	RES, CF. 111-J-1/10-CP
R461	06E23690S01	RES, CF. 111-J-1/10-CP
R462	06E23690S01	RES, CF. 111-J-1/10-CP
R463	06E23690S01	RES, CF. 111-J-1/10-CP
R464	06E23690S01	RES, CF. 111-J-1/10-CP
R465	06E23690S01	RES, CF. 111-J-1/10-CP
R466	06E23571S01	RES, CF. 47R-J-1/10-CP
R467	06E23571S01	RES, CF. 47R-J-1/10-CP
R468	06E23571S01	RES, CF. 47R-J-1/10-CP
R469	06E23571S01	RES, CF. 47R-J-1/10-CP
R470	06E23571S01	RES, CF. 47R-J-1/10-CP
R471	06E23571S01	RES, CF. 47R-J-1/10-CP
R472	06E22544S01	RES, CF. 751-J-1/10-CP
R473	06E22544S01	RES, CF. 751-J-1/10-CP
R474	06E22544S01	RES, CF. 751-J-1/10-CP
R475	06E22544S01	RES, CF. 751-J-1/10-CP
R476	06E22544S01	RES, CF. 751-J-1/10-CP
R477	06E22544S01	RES, CF. 751-J-1/10-CP
R478	06E22921S01	RES, CF. 473-J-1/8-CP
R479	06E22921S01	RES, CF. 473-J-1/8-CP
R480	06E22921S01	RES, CF. 473-J-1/8-CP
R481	06E22921S01	RES, CF. 473-J-1/8-CP
R482	06E22921S01	RES, CF. 473-J-1/8-CP
R483	06E22921S01	RES, CF. 473-J-1/8-CP
R484	06E20903S01	RES, CF. 103-J-1/10-CP
R485	06E20903S01	RES, CF. 103-J-1/10-CP
R486	06E20903S01	RES, CF. 103-J-1/10-CP
R487	06E20903S01	RES, CF. 103-J-1/10-CP
R488	06E20903S01	RES, CF. 103-J-1/10-CP
R489	06E20903S01	RES, CF. 103-J-1/10-CP

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Symbol No.	Part No.	Description
R490	06E22111S01	RES, CF. 562-J-1/10-CP
R491	06E22111S01	RES, CF. 562-J-1/10-CP
R492	06E22111S01	RES, CF. 562-J-1/10-CP
R493	06E22111S01	RES, CF. 562-J-1/10-CP
R494	06E22111S01	RES, CF. 562-J-1/10-CP
R495	06E22111S01	RES, CF. 562-J-1/10-CP
R496	06E22052S01	RES, CF. 272-J-1/10-CP
R497	06E22052S01	RES, CF. 272-J-1/10-CP
R498	06E22052S01	RES, CF. 272-J-1/10-CP
R499	06E22052S01	RES, CF. 272-J-1/10-CP
R500	06E22052S01	RES, CF. 272-J-1/10-CP
R501	06E22052S01	RES, CF. 272-J-1/10-CP
R502	06E29160S01	RES, CF. 4R7-J-1/10-CP
R503	06E29160S01	RES, CF. 4R7-J-1/10-CP
R504	06E29160S01	RES, CF. 4R7-J-1/10-CP
R505	06E29160S01	RES, CF. 4R7-J-1/10-CP
R506	06E29160S01	RES, CF. 4R7-J-1/10-CP
R507	06E29160S01	RES, CF. 4R7-J-1/10-CP
R509	06E29160S01	RES, CF. 4R7-J-1/10-CP
R510	06E29160S01	RES, CF. 4R7-J-1/10-CP
R511	06E29160S01	RES, CF. 4R7-J-1/10-CP
R512	06E29160S01	RES, CF. 4R7-J-1/10-CP
R513	06E29160S01	RES, CF. 4R7-J-1/10-CP
R514	06E29160S01	RES, CF. 4R7-J-1/10-CP
R515	06E20752S01	RES, CF. 221-J-1/4-CP
R516	06E20752S01	RES, CF. 221-J-1/4-CP
R517	06E20752S01	RES, CF. 221-J-1/4-CP
R518	06E20752S01	RES, CF. 221-J-1/4-CP
R519	06E20752S01	RES, CF. 221-J-1/4-CP
R520	06E20752S01	RES, CF. 221-J-1/4-CP
R521	06E20903S01	RES, CF. 103-J-1/10-CP
R522	06E20903S01	RES, CF. 103-J-1/10-CP
R523	06E20903S01	RES, CF. 103-J-1/10-CP
R524	06E20903S01	RES, CF. 103-J-1/10-CP
R525	06E20903S01	RES, CF. 103-J-1/10-CP
R526	06E20903S01	RES, CF. 103-J-1/10-CP
R527	06E22030S01	RES, CF. 102-J-1/8-CP
R528	06E22030S01	RES, CF. 102-J-1/8-CP
R529	06E22030S01	RES, CF. 102-J-1/8-CP
R530	06E22030S01	RES, CF. 102-J-1/8-CP
R531	06E22048S01	RES, CF. 102-J-1/10-CP
R532	06E22048S01	RES, CF. 102-J-1/10-CP
R533	06E21164S01	RES, CF. 152-J-1/10-CP
R534	06E21164S01	RES, CF. 152-J-1/10-CP
R535	06E21164S01	RES, CF. 152-J-1/10-CP
R536	06E21164S01	RES, CF. 152-J-1/10-CP
R537	06E22048S01	RES, CF. 102-J-1/10-CP
R538	06E22048S01	RES, CF. 102-J-1/10-CP
R539	06E32024S01	RES, MPR 0.1J-3WX2

Symbol No.	Part No.	Description
R540	06E32024S01	RES, MPR 0.1J-3WX2
R541	06E32024S01	RES, MPR 0.1J-3WX2
R542	06E32024S01	RES, MPR 0.1J-3WX2
R543	06E32024S01	RES, MPR 0.1J-3WX2
R544	06E32024S01	RES, MPR 0.1J-3WX2
R545	06E20907S01	RES, MO 1W1SJ 100E-RD
R546	06E20907S01	RES, MO 1W1SJ 100E-RD
R547	06E20907S01	RES, MO 1W1SJ 100E-RD
R548	06E20907S01	RES, MO 1W1SJ 100E-RD
R549	06E20907S01	RES, MO 1W1SJ 100E-RD
R550	06E20907S01	RES, MO 1W1SJ 100E-RD
R551	06E22058S01	RES, CF. 123-J-1/10-CP
R552	06E22058S01	RES, CF. 123-J-1/10-CP
R553	06E22058S01	RES, CF. 123-J-1/10-CP
R554	06E22058S01	RES, CF. 123-J-1/10-CP
R555	06E22058S01	RES, CF. 123-J-1/10-CP
R556	06E22058S01	RES, CF. 123-J-1/10-CP
R609	06E22057S01	RES, CF. 822-J-1/10-CP
R610	06E22059S01	RES, CF. 183-J-1/10-CP
R612	06E32062S01	RES, MO. 111-J-1/2W-AX
R613	06E32062S01	RES, MO. 111-J-1/2W-AX
R614	06E22071S01	RES, CF. 10R-J-1/4-CP
R615	06E22071S01	RES, CF. 10R-J-1/4-CP
R616	06E22071S01	RES, CF. 10R-J-1/4-CP
R617	06E22071S01	RES, CF. 10R-J-1/4-CP
R620	06E20907S01	RES, MO 1W1SJ 100E-RD
R621	06E20907S01	RES, MO 1W1SJ 100E-RD
R622	06E22545S01	RES, CF. 202-J-1/10-CP
R623	06E22545S01	RES, CF. 202-J-1/10-CP
R624	06E20907S01	RES, MO 1W1SJ 100E-RD
R625	06E20907S01	RES, MO 1W1SJ 100E-RD
R701	06E22048S01	RES, CF. 102-J-1/10-CP
R702	06E22048S01	RES, CF. 102-J-1/10-CP
R703	06E22048S01	RES, CF. 102-J-1/10-CP
R704	06E22053S01	RES, CF. 332-J-1/10-CP
R705	06E22055S01	RES, CF. 472-J-1/10-CP
R706	06E22065S01	RES, CF. 104-J-1/10-CP
R707	06E22048S01	RES, CF. 102-J-1/10-CP
R708	06E22508S01	RES, CF. 203-J-1/10-CP
R709	06E22111S01	RES, CF. 562-J-1/10-CP
R710	06E22508S01	RES, CF. 203-J-1/10-CP
R712	06E24189S01	RES, CF. 151-J-1/10-CP
R713	06E22060S01	RES, CF. 223-J-1/10-CP
R714	06E20903S01	RES, CF. 103-J-1/10-CP
R715	06E20903S01	RES, CF. 103-J-1/10-CP
R716	06E23692S01	RES, CF. 514-J-1/10-CP
R717	06E23743S01	RES, CF. 244-J-1/10-CP
R718	06E22505S01	RES, CF. 471-J-1/10-CP
R719	06E32034S01	RES, CF. 202-J-1/16-CP

Symbol No.	Part No.	Description
R720	06E31160S01	RES, CF. 473-J-1/16-CP
R721	06E28796S01	RES, CF. 623-J-1/16-CP
R801	06E22058S01	RES, CF. 123-J-1/10-CP
R802	06E22065S01	RES, CF. 104-J-1/10-CP
R803	06E22055S01	RES, CF. 472-J-1/10-CP
R804	06E22065S01	RES, CF. 104-J-1/10-CP
R805	06E22545S01	RES, CF. 202-J-1/10-CP
R806	06E22065S01	RES, CF. 104-J-1/10-CP
R807	06E22545S01	RES, CF. 202-J-1/10-CP
R808	06E22068S01	RES, CF. 105-J-1/10-CP
R809	06E22547S01	RES, CF. 684-J-1/10-CP
R821	06E22065S01	RES, CF. 104-J-1/10-CP
R822	06E22062S01	RES, CF. 473-J-1/10-CP
R823	06E22062S01	RES, CF. 473-J-1/10-CP
R901	06E26014S01	RES, CF. 103-J-1/8-CP
R902	06E20903S01	RES, CF. 103-J-1/10-CP
R903	06E22509S01	RES, CF. 154-J-1/10-CP
R904	06E22053S01	RES, CF. 332-J-1/10-CP
R905	06E23694S01	RES, CF. 272-J-1/4-CP
R907	06E22074S01	RES, CF. 102-J-1/4-CP
VR101	18E20880S01	VR, 50KAX2 RK0971210(GAIN)
VR102	18E20880S01	VR, 50KAX2 RK0971210(GAIN)
VR103	18E23672S01	VR, 50KAX1 RK0971110(GAIN)
VR201	18E23671S01	VR, 20KEX2 RK0971210(LP FILTER)
Connectors		
CN101	09E23725S01	CONN BASE, 5569-08A1
CON901	09E27780S01	CONN BASE, GIL-S-02P-S2T2
LED P.W.Board		
LED		
LED901	48E32025S01	LED, SUPER BLUE LED
Connector		
CON902	01E27750S01	2P CONNECTOR ASS'Y

Symbol No.	Part No.	Description
Miscellaneous		
BLT901	09E32028S01	FUSE TERMINAL 3P
CN501	09E27882S01	BLOCK TERMINAL 10P
F901	65E25308S01	FUSE, AUTO 30A(For Battery Line)
RCA101	09E32052S01	RCA JACK 04P

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Cabinet Assembly Parts List

NOTE:Parts without part number are not supplied.

Symbol No.	Index	Part No.	Description
4		15E32065S01	COVER, BOTTOM
7		07E11146S01	BKT, TR
8		15E32047S01	HOLDER, LED
9		03E09416S06	SCR M2.6X5(P)TPG-TPT(YEL)
10		03E09416S09	SCR M3X10(P)TPG-TPT(BLK)
11		03E32042S01	SCR M2.6X6(F)MCH-TPT(WHT)
12		03E32043S01	SCR M3X14(W) TPG-TPT(YEL)
13		03E09417S06	SCR M3X11(B)TPG-TPT(YEL)
14		03E29276S01	SCR M3X6(B)TPG-TPT(WHT)
15		03E23709S01	SCR M2.6X8(TR)TPG-TPT(BLK)
16		03E32063S01	SCR M2.6X8(TR)TPG-TPT(WHT)
17		03E20922S01	SCR M3X11(S.W)TPG-TPT(YEL)
18		03E32064S01	SCR M3X16(S.W)TPG-TPT(YEL)
20		61E32046S01	LENS, LED
22		14E11487S01	INSULATOR, SHEET-B
23		14E20977S01	INSULATOR, SHEET-A
24		03E09416S10	SCR M3X8(P)TPG-TPT(BLK)
25		64E32050S01	PLATE JUMP
26		07E27745S01	BKT, GND-B

Symbol No.	Index	Part No.	Description

Exploded View (Cabinet)